

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Bidens pilosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	1-PHENYL-HEPTA-1-3-5-TRIYNE	Plant				Jim Duke's personal files.
0	2-O-CAFFELOYL-2-C-METHYL-D-ERYTHRONIC-ACID	Leaf		7.0		Jim Duke's personal files.
0	3-O-CAFFELOYL-2-C-METHYL-D-ERYTHRONO-1-4-LACTONE	Leaf		15.0		Jim Duke's personal files.
0	7-PHENYL-HEPTA-2-4-6-TRIYNE	Leaf				Jim Duke's personal files.
3	ALPHA-CADINOL	Leaf Essent. Oil		110000.0	1.0	Jim Duke's personal files.
1	BEHENIC-ACID	Leaf				Jim Duke's personal files.
9	BETA-AMYRIN	Plant		307.5	-1.0	Jim Duke's personal files.
0	BETA-CARYOPHYLLENE	Leaf Essent. Oil		730000.0	3.9424235611188183	Jim Duke's personal files.
35	BORNEOL	Leaf Essent. Oil		20000.0	-0.4118733900090771	Jim Duke's personal files.
3	CAPRIC-ACID	Plant				Jim Duke's personal files.
5	DAUCOSTEROL	Plant		450.0	1.0	Jim Duke's personal files.
2	ELAIDIC-ACID	Leaf				Jim Duke's personal files.
30	ESCULETIN	Plant		300.0		Jim Duke's personal files.
2	FRIEDELAN-3-BETA-OL	Shoot				Jim Duke's personal files.
2	FRIEDELIN	Shoot				Jim Duke's personal files.
2	GERMACRENE-D	Leaf Essent. Oil		730000.0	1.7315429666935105	Jim Duke's personal files.
22	ISOQUERCITRIN	Leaf		12.0	-0.4628177428886223	Jim Duke's personal files.
0	L-INOSITOL	Shoot				Jim Duke's personal files.
7	LAURIC-ACID	Plant				Jim Duke's personal files.
60	LIMONENE	Leaf Essent. Oil		100000.0	-0.23618745357138943	Jim Duke's personal files.
27	LINOLEIC-ACID	Shoot				Jim Duke's personal files.
0	LINOLENIC-ACID	Shoot				Jim Duke's personal files.
21	LUPEOL	Plant		50.0		Jim Duke's personal files.
2	LUPEOL-ACETATE	Plant		60.0		Jim Duke's personal files.
6	MYRISTIC-ACID	Plant				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	OKANIN-3'-4'-DIGLUCOSIDE	Flower		100.0		Jim Duke's personal files.
0	OKANIN-3'-GLUCOSIDE	Flower		1020.0		Jim Duke's personal files.
0	OKANIN-3'-O-BETA-D-GLUCOSIDE	Leaf		84.0		Jim Duke's personal files.
0	OKANIN-4'-(6'-O-ACETYL)-GLUCOSIDE	Flower		120.0		Jim Duke's personal files.
0	OKANIN-4'-DIGLUCOSIDE	Flower		460.0		Jim Duke's personal files.
0	OKANIN-4'-GLUCOSIDE	Flower		200.0		Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-(2'-4'-6'-TRIACETYL)-GLUCOSIDE	Leaf		176.0		Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-(2'-4'-DIACETYL-6'-TRANS-P-COUMAROYL)-GLUCOSIDE	Leaf				Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-(3'-4'-DIACETYL-6'-TRANS-P-COUMAROYL)-GLUCOSIDE	Leaf				Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-(4'-ACETYL-6'-TRANS-P-COUMAROYL)-GLUCOSIDE	Leaf				Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-(6'-TRANS-P-COUMAROYL)-GLUCOSIDE	Leaf		21.0		Jim Duke's personal files.
0	OKANIN-4'-O-BETA-D-GLUCOPYRANOSIDE	Leaf		6.5		Jim Duke's personal files.
0	OKANIN-4-METHYL-ETHER-3'-O-BETA-D-GLUCOSIDE	Leaf		46.0		Jim Duke's personal files.
13	PALMITIC-ACID	Plant				Jim Duke's personal files.
2	PALMITOLEIC-ACID	Plant				Jim Duke's personal files.
0	PHENYLHEPTA-1-3-5-TRIYNE	Leaf				Jim Duke's personal files.
0	PHENYLHEPTA-1-3-5-TRIYNE	Fruit				Jim Duke's personal files.
0	PHENYLHEPTA-1-3-5-TRIYNE	Flower				Jim Duke's personal files.
4	PHENYLHEPTATRIYNE	Plant				Jim Duke's personal files.
4	PHENYLHEPTATRIYNE	Leaf				Jim Duke's personal files.
4	PHENYLHEPTATRIYNE	Shoot				Jim Duke's personal files.
0	PHYTOL-HEPTANOATE	Leaf				Jim Duke's personal files.
0	SANDARACOPIMARA-8(14)-15-DIENE-7-ALPHA-18-DIOL	Leaf				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
10	SQUALENE	Leaf				Jim Duke's personal files.
12	STIGMASTEROL	Leaf				Jim Duke's personal files.
0	T-MUUROLOL	Leaf Essent. Oil		110000.0	0.9999999999999999	Jim Duke's personal files.
0	TRIDEC-5-ENE-7-9-11-TRIYNE-3-OL	Root				Jim Duke's personal files.
0	TRIDECA-2-12-DIENE-4-6-8-10-TETRAYN-1-OL	Root				Jim Duke's personal files.
0	TRIDECA-3-11-DIENE-5-7-9-TRIYNE-1-2-DIOL	Root				Jim Duke's personal files.
0	TRIDECAPENTAYN-1-ENE	Root				Jim Duke's personal files.